

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	223	29/890.142	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/25 12:56
L2	6033	(fuel injector) and (valve seat)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/25 13:14
L3	2309	I2 and needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/25 13:14
L4	1332	I3 and housing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/25 13:14
S1	4	hou-deyang.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/16 12:40
S2	17	"4779587"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/16 12:40
S3	84	"6230683"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/16 12:40
S4	4	"6726121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/16 12:40

S5	11	"6557779"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/16 12:40
S6	33	mixed-mode and (fuel injector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/16 12:53
S7	30361	variable same orifice	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/16 12:54
S8	995	S7 and (fuel injector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/16 12:54
S10	4	S8 and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/16 12:54
S11	2	conical-multi-jet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/16 12:58
S12	2	conical multi jet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/16 12:58
S13	0	(239/583.120).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/04/16 12:58
S14	1232	(239/533.2).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/04/16 12:58
S15	285	(239/533.7).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/04/16 12:58

S16	1236	(239/533.3-533.4).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/04/16 12:59
S17	798	(239/584).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/04/16 12:59
S18	2283	(239/585.1-585.5).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/04/16 12:59
S19	1087	(239/590.3).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/04/16 12:59
S20	44	(239/595).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/04/16 12:59
S21	5846	S14 or S15 or S16 or S17 or S18 or S19 or S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/16 13:00
S22	2627	S21 and injector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/16 13:01
S23	983	S22 and conical	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/16 13:01
S24	59	S23 and (variable same orifice)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/16 13:02
S25	1	S22 and (micro channel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/16 13:04

S26	151	("1738489" "2307949" "2351035" "2974881" "2975982" "3006556" "3049303" "3379374" "3444886" "3528613" "3680782" "3777977" "3796206" "3835829" "3921604" "3943901" "4030668" "4033513" "4034917" "4060199" "4069800" "4116389" "4129256" "4181144" "4186883" "4192466" "4218021" "4230273" "4423842" "4699323" "4771984").PN. OR ("2685334" "3042317" "4129254" "4219154" "4350301" "4487369" "4923169" "4934653").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/16 13:23
S27	134	injector and (multi\$5 spray)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/16 13:59
S28	1	conical multi jet	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/16 14:05
S29	653	multi jet	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/16 14:05
S30	23	S29 and (fuel injector)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/16 14:05

S31	23	("2307949" "2351035" "2975982" "3379374" "3444886" "4034917" "4181144").PN. OR ("4350301").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/16 14:28
S32	11	"5522550"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/20 13:33
S33	2	"20020026923"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/20 13:33
S34	0	3941151A1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/20 13:33
S35	0	0316707A1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/20 13:34
S36	2	"0316707"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/20 13:34
S37	27	"3941151"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/20 13:34
S38	4	"7108201"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/20 13:34
S39	1232	(239/533.2).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/04/20 13:54

S40	285	(239/533.7).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/04/20 13:54
S41	1236	(239/533.3-533.4).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/04/20 13:54
S42	798	(239/584).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/04/20 13:54
S43	2283	(239/585.1-585.5).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/04/20 13:54
S44	1087	(239/590.3).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/04/20 13:54
S45	44	(239/595).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/04/20 13:54
S46	5846	S39 or S40 or S41 or S42 or S43 or S44 or S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/20 13:54
S47	251	S46 and grind\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/04/20 13:54
S48	59	(fluid injector) and (cylindrically shaped)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/25 08:23
S49	637	(fuel injector) and (cylindrically)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/25 08:24

S50	283	S49 and seat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/25 08:24
S51	32626	valve and needle and seat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/25 08:25
S52	12830	S51 and fuel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/25 08:25
S53	4588	S52 and injector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/25 08:25
S54	1793	S53 and actuator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/25 08:26
S55	1097	S54 and housing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/25 08:26
S56	536	S55 and cylindrica\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/25 08:26
S57	50326	fuel injector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/25 08:46
S58	6	S57 and (external seat)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/25 08:46
S59	799	S57 and (external same seat)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/25 08:47

S60	33	("2521224" "3076439" "3097662" "3573863" "3759282" "4447224" "4909440" "5165652" "5560586" "5597009" "5634627" "5718160").PN. OR ("6311950").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/25 08:49
S61	12	("6119952" "6311950" "6739528" "6755353" "6948667" "6962297" "6969009" "7032833" "7044407" "7055765" "7066399").PN. OR ("7309032").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/25 08:54
S62	10	("2613998" "3282512" "4803393" "5205492" "6311950" "6676030").PN. OR ("7044407").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/25 08:55
S63	4	biagetti-fabrizio.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/25 08:57
S64	1803	fuel injector and needle and valve and cylindrical\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/25 08:59
S65	1168	S64 and housing	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/25 08:59
S66	563	S65 and actuator	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/25 08:59
S67	1260	239/533.3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/25 09:51
S68	495	239/533.11	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/25 09:51
S69	1272	239/533.12	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/25 09:51
S70	2157	S67 or S68 or S69	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/25 09:52

EAST Search History (Interference)

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